

Flexible Control Cables

CC 600

Oil Resistant 90°C flexible control cable with black conductors



Marking for CC 600 02041604:

SAB BRÖCKSKES · D-VIERSEN · <VDE-REG 7000> 4x1.5mm² CC 600 16 AWG/4c 02041604

AWM Style 21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90°C F 600V FT1 FT2 CE

Construction:

Conductor: AWG 20 - 10:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
AWG 8 - 1:	bare copper strands acc. to UL/CSA
Insulation:	special PVC acc. to VDE and UL/CSA
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Jacket material:	special oil resistant PVC acc. to VDE and UL/CSA
Jacket color:	gray (RAL 7000)

Outstanding features:

- UL recognized, CSA approved
- high mechanical loading capacity
- oil resistant
- AWG 20 - AWG 10 built acc. to VDE-Reg. no. 7000

Technical data:

Nominal voltage:	Uo/U 300/500 V
Voltage UL/CSA:	600 V
Testing voltage:	conductor/conductor: 3000 V
Min. bending radius: fixed installation: free movement:	4 x O.D. 6 x O.D.
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range: static: flexible:	DIN VDE UL/CSA: up to +90°C -40/+70°C +5/+70°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2
Oil resistance:	very good - TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1, Oil 60°C acc. to UL 758, Fuel Oil acc. to CSA-C 22.2 No. 210
Chemical resistance:	see page O/11
Approvals:	UL AWM, CSA AWM, CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
▶ 20 AWG (≈ 16/32) • 0.50 mm ²			
02042002	2	0.209 5.3	28
02042003	3	0.220 5.6	32
02042004	4	0.236 6.0	38
02042005	5	0.264 6.7	47
02042007	7	0.283 7.2	58
02042008	8	0.335 8.5	73
02042009	9	0.362 9.2	84
02042010	10	0.370 9.4	85
02042012	12	0.382 9.7	96
02042014	14	0.398 10.1	108
02042016	16	0.429 10.9	125
02042018	18	0.449 11.4	138
02042025	25	0.547 13.9	189
02042034	34	0.614 15.6	249
02042041	41	0.665 16.9	287
02042061	61	0.780 19.8	422
▶ 18 AWG (≈ 30/32) • 1.00 mm ²			
02041802	2	0.236 6.0	37
02041803	3	0.252 6.4	46
02041804	4	0.276 7.0	55
02041805	5	0.307 7.8	69
02041807	7	0.335 8.5	86
02041809	9	0.425 10.8	122
02041810	10	0.433 11.0	125
02041812	12	0.445 11.3	142
02041814	14	0.476 12.1	165
02041815	15	0.500 12.7	180
02041818	18	0.535 13.6	209
02041825	25	0.646 16.4	285
02041834	34	0.728 18.5	376
02041841	41	0.783 19.9	434
02041850	50	0.882 22.4	533
02041861	61	0.933 23.7	649

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
▶ 16 AWG (≈ 27-29/30) • 1.50 mm ²			
02041602	2	0.264 6.7	48
02041603	3	0.280 7.1	58
02041604	4	0.311 7.9	73
02041605	5	0.339 8.6	88
02041607	7	0.378 9.6	115
02041608	8	0.441 11.2	140
02041609	9	0.480 12.2	162
02041612	12	0.504 12.8	189
02041615	15	0.563 14.3	229
02041618	18	0.602 15.3	277
02041625	25	0.728 18.5	382
02041630	30	0.760 19.3	448
02041634	34	0.827 21.0	511
02041641	41	0.902 22.9	597
02041650	50	0.98 24.9	714
02041661	61	1.051 26.7	880
▶ 14 AWG (≈ 46/30) • 2.50 mm ²			
02041402	2	0.319 8.1	73
02041403	3	0.339 8.6	89
02041404	4	0.374 9.5	112
02041405	5	0.417 10.6	140
02041407	7	0.457 11.6	177
02041409	9	0.587 14.9	267
02041412	12	0.618 15.7	296
02041418	18	0.736 18.7	432
02041425	25	0.909 23.1	607

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
▶ 12 AWG (≈ 52/28) • 4.00 mm ²			
02041203	3	0.402 10.2	132
02041204	4	0.445 11.3	165
02041205	5	0.496 12.6	204
02041207	7	0.547 13.9	267
02041212	12	0.740 18.8	447
▶ 10 AWG (≈ 78/28) • 6.00 mm ²			
02041003	3	0.476 12.1	191
02041004	4	0.520 13.2	236
02041005	5	0.587 14.9	296
02041007	7	0.669 17.0	403
▶ 8 AWG (≈ 69/26)			
02040803	3	0.602 15.3	302
02040804*	4	0.669 17.0	383
02040805	5	0.744 18.9	468
▶ 6 AWG (≈ 110/26)			
02040604	4	0.823 20.9	568
02040605	5	0.929 23.6	651
▶ 4 AWG (≈ 175/26)			
02040404	4	1.008 25.6	914
▶ 2 AWG (≈ 272/26)			
02040204	4	1.197 30.4	1349
▶ 1 AWG (≈ 342/26)			
02040104	4	1.307 33.2	1656

Other dimensions and colors are available on request
* 2040804 is built acc. to VDE-Reg no. 7000
with class 5 copper strands



also available with blue, red or
orange conductors and black
or orange jacket